



EASTERN IOWA DX'ER



SPRING 1993

SPRING MEETING INFO

DATE: APRIL 16, 1993
WHEN: 7:30 pm CDT
(brag session @ 7:00)
WHERE: MUSCATINE COMMUNITY
COLLEGE
LARSON HALL
(see map)
PROGRAM: NORTH CALIFORNIA
DX FOUNDATION FILM
TALK-IN : 146.91

1993 EIDXA OFFICERS
President: KEØY, Tom Kramer
V.P.: KØAL, Al Culbert
Sec'y/Treas: WAØFYG,
Rick Hadley

NEWSLETTER EDITOR:
KØAL, Al Culbert

REPEATER COMMITTEE:
KØVM, Al Groff
WØMJN, Joe Finkstein

MEMBERSHIP COMMITTEE
WØSR, Jim Spencer
WØIZ, Dale Repp

CLUSTER SYSOP:
WB8ZRL, Tom Vavra

EIDXA REPEATER
145.190 Mhz, WØMJN

DX CLUSTER:
144.910 Mhz, WB8ZRL

NET:
SUNDAY EVE @ 9:30 pm LOCAL
EIDXA REPEATER

HAMFEST CALENDAR

MAY 2, 1993

DeKalb Hamfest @ Sandwich, IL
Sandwich Fair Grounds
Talk-in 146.13/.73
NO VE EXAMS !!

MAY 15, 1993

Central Iowa @ Marshalltown
Marshalltown Comm. College
Talk-in 146.28/.88
VE Exams @ 10 AM

JUNE 6, 1993

Starved Rock Hamfest
Bureau County Fair Grounds
Princeton, IL
Talk-in 146.355/.955

AUGUST 15, 1993

CVARC Hamfest
Teamster's Union Hall
Cedar Rapids, IA

SEPT 5, 1993

Burlington Hamfest
Natn'l Guard Armory
Burlington, IA

SEPT 18

Peoria Superfest
Peoria, IL

OCT 3, 1993

S.E. Iowa Hamfest
West Liberty, IA

AN OPEN LETTER TO THE EIDXAS.

AS MOST OF YOU KNOW, I ENDURED A HEART ATTACK ON FEB. 6. I WANT TO TAKE THIS OPPORTUNITY TO THANK ALL OF YOU FOR YOUR THOUGHTS AND PRAYERS. I RECEIVED MANY CARDS AND GOOD WISHES FROM EIDXASERS. IT WAS REALLY NICE TO HAVE THE CARDS TO READ AND SHARE WHILE IN THE HOSPITAL. I HAVE BECOME A BELIEVER IN THE POWER OF THE GET WELL CARD AND DO HEREBY RESOLVE TO BECOME A BETTER CARD SENDER.

BRIEFLY, I AM ON THE MEND. THE ATTACK SERVED AS A GOOD, SWIFT SLAP ON THE WRIST AND A WARNING TO GET MY ACT TOGETHER. WE HAVE DONE A LOT OF DIET CHANGES AT OUR HOUSE, PLUS I HAVE LEARNED TO EXERCISE SMART. I THINK I WILL BE BACK TO WORK SOON (MIXED BLESSING).

I THOUGHT I WOULD ALSO WRITE AT THIS SAME TIME ABOUT LIFE AFTER YOU HAVE WORKED THEM ALL (OR NEARLY SO). WITH THE SUNSPOTS ON THE WAY DOWN, ITS A GOOD TIME TO WORK ON 5 BAND DXCC - THE LOW BAND PORTION. I DID THAT LAST CYCLE AND AFTER THAT, I GAVE IT A MORE PERSONAL TWIST. I DECIDED TO WORK 5 BAND DXCC WITH ALL THE SAME 100 COUNTRIES. THAT IS, I WORKED, FOR EXAMPLE, ZD7-ST. HELENA 10-80 METERS AND SO ON TILL I WORKED 100 COUNTRIES. I CONFIRMED THEM ALL, BUT SUIT YOURSELF.

ABOUT THIS TIME, I ACQUIRED A GOOD LOGGING PROGRAM, DX-BASE, AND SET ABOUT TO ORGANIZE MY CARDS AND BUILD A DATABASE OF WHAT I HAVE WORKED AND WHAT IS CONFIRMED. ITS NOT AS BAD A JOB AS IT SOUNDS. WITH THAT DONE, I WAS ABLE TO SEE WHERE I COULD CREATE SOME PERSONAL CHALLENGES. I DECIDED TO LOOK AT BANDS AND MODES WHERE I WAS UNDER 100. IT GOT ME TO LOOK IN PLACES I HAD NOT DONE MUCH LOOKING BEFORE. 10 METER CW IS THE BEST CASE IN POINT. YOU SEE, IT BECOMES THE INVESTMENT IN THE PERSONAL CHALLENGE THAT MAKES IT WORK OR NOT WORK.

THERE ARE OTHER THINGS TO WORK ON AS WELL THAT ARE LESS CONVENTIONAL. IOTA, WARC DXCC'S, DIGITAL MODES, FOREIGN CERTIFICATES (THE OLD USSR R-100 WAS A CLASSIC EXAMPLE).

WHAT I AM GETTING AT IS THIS. WE ARE ALL AGING AND THE NEW ONES ARE CROPPING UP AND WE ARE GETTING THEM ALL WORKED, WITH SURPRISING REGULARITY. I FEAR SOME OF MY MANY FRIENDS MAY FADE OUT WITH THE SUN SPOTS AS THE CURRENT CHALLENGES ARE MET. PLEASE, FRIENDS, BEFORE YOU DO THIS, EXPLORE THE OPTIONS PRESENTED HERE OR CREATE YOUR OWN ORIGINAL CHALLENGES. LET ME KNOW WHAT YOU'RE UP TO, MAYBE I CAN TAG ALONG.

AGAIN, THANKS FOR THE SUPPORT AND KIND THOUGHTS 73

Tom KØVZR

THE PREZ SEZ

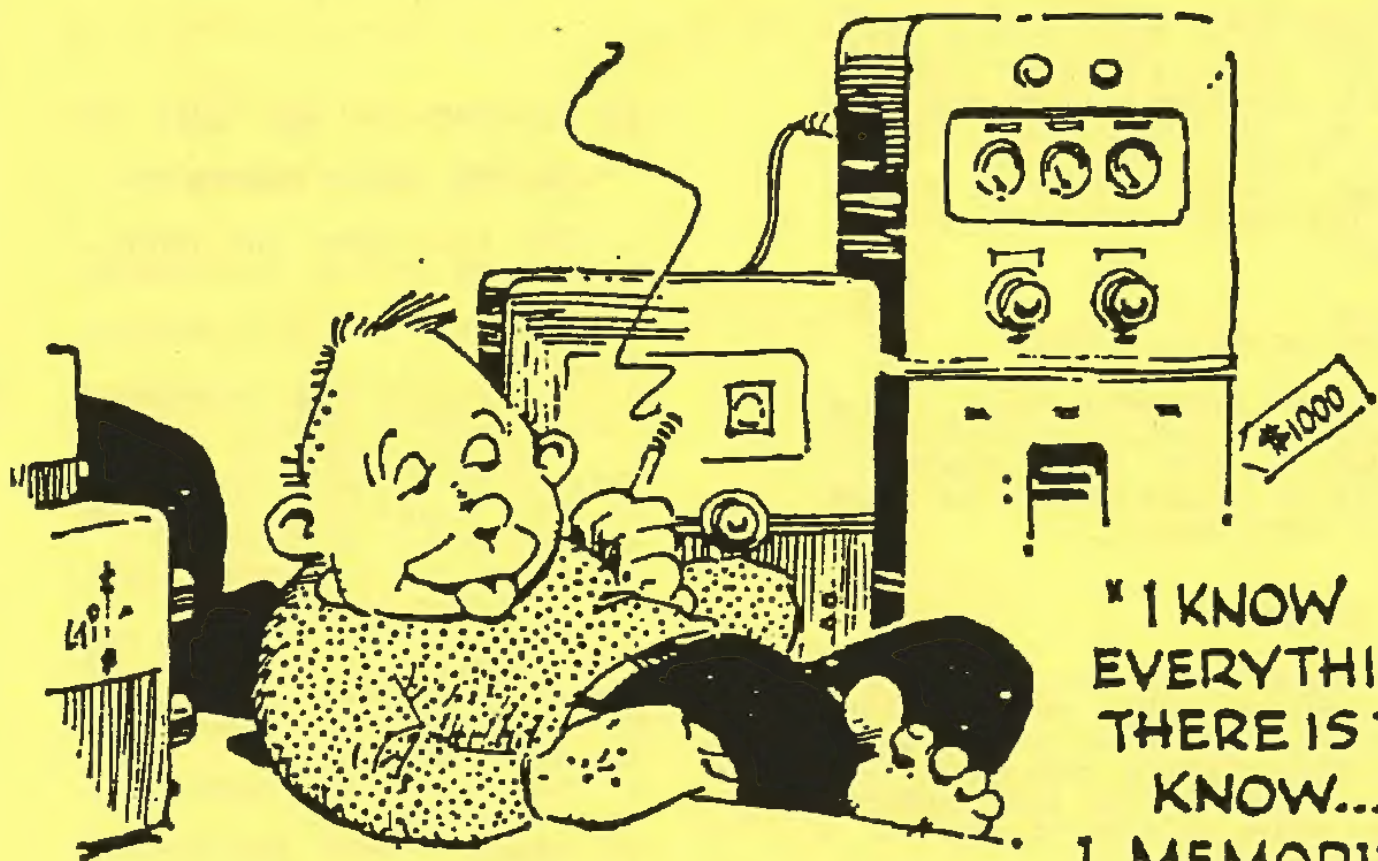
The Howland Island DXpedition certainly got the 1993 DX season off to a great start. Following that with the Kingman/Palmyra effort and now the Ghana pile ups shows that there is a lot of life left in sunspot cycle 22. I was just glancing through the Winter 1989 copy of the EIDX'er at an article about cycle 22 and noticed how true the forecast dated 7/20/87 seemed to be holding true.

Which brings me to another topic. When was the first EIDXA newsletter printed? I have all mine since the Autumn '84 issue. Who can produce the oldest copy? I'm not suggesting we live in the past, but I find it interesting to look back and see who and what the club was all about "way back then". If we can gather together as many issues as possible prior to Autumn '84 I would like to make copies to put in a binder and add to the club archives.

I also have a pretty complete set of minutes starting with the 10/6/75 meeting which saw birth of the EIDXA. They likewise make for interesting reading. I will have these at the Spring '93 meeting or talk with WØ's - SR, SML, MJN, WP and others.

Congratulations to the NØSM mult-op crew for a fine 8th place national ranking in the ARRL 160m contest from the looks of the score they had quite a battle with the NCØP group. Another call I saw listed was KØSRL from Davenport. Perhaps our Quad City members will introduce him to the pleasure of joining the EIDXA.

That's about it from the Port City. Hope to see as many of you that can make the trip to Muscatine. 73 TLK



CONTEST ALERT

EIDXA QSL CARDS

APRIL 14 COMBINED SPRINT & CHESS CONTEST

Same basic format as Sprint, but stations must work other stations enough times to complete a chess game. On initial contact with a stations, exchange first moves (station calling CQ plays White), then sprint at least 5 kHz and begin game with second station, etc. Continue games by finding the stations again one at a time and exchanging one move. Score is number of games played multiplied by number of wins. Draws count half points. No Boards permitted. CW only. Brilliancy prizes.

APRIL 21 OLDE PHARTES CONTESTE

Exchange latest prescription number, days since last doctor visit and full description of current medical symptoms. Each exchange must last at least one hour. 75 meters only, use of call sign optional. Contestants must remain alive for duration of this 24-hour contest.

APRIL 28 MODIFIED CQ WW DX CONTEST

No contacts allowed with JA, YU or UA stations. Special certificates for stations with total number of contacts in double figures in spite of this limitation.

MAY 5 10-10 CONTEST

Like regular 10-10 contest, except that operator giving their numbers in "dollars and cents" are disqualified from future contests. The contest is therefore not expected to take place in following years.

There has been an inquiry about having another run of EIDXA QSL cards printed. Glen, KØJGH passes on the following information.

The print shop in Ottumwa will produce them again for us at \$38 / 1,000 cards plus shipping with the minimum order being 4 people each ordering 1,000 cards. This is the two color design with the EIDXA logo. Price breaks occur after 4 people each order 2,000 cards. To order, forward to KØJGH a sample QSL card WITH updates and your check. We presently have two members needing cards KØAL and KØVZR, anybody else???

Please indicate your desire so those needing cards can find an alternate source if there is insufficient interest.

10 REASONS YOU ARE SURE TO LIKE THE DAYTON HAMVENTION

1. The delicious and nutritious food sold by the on-site vendors.
2. The clean rest room facilities.
3. The broad and uncrowded aisles in HARA Arena.
4. The reasonable rates charged by the motels.
5. The courteous Illinois Highway Patrol Officers.
6. The ample and convenient auto parking facilities.
7. The 10 hour ride to and from Dayton over our nation's finest Interstate highways.
8. The always sunny skies over the flea market area.
9. The reasonable prices asked by the vendors.
10. Going to work the following Monday.

above de WDØAWL

DXCC Field Checking

The DXCC desk recently changed the ARRL DXCC Countries List and in doing so changed the countries that may be field checked. Below are the countries that may NOT be checked in the field. If you include any of the following in your application, the field checkers will be forced to cross it off of your application form.

1A0	FO (Clipperton)	UG
1S	FR (Glorioso)	UH
3B6	FR (Juan de Nova)	UI
3C0	FR (Tromelin)	UJ
3V	HI	UL
3W	KH1	UM
3X	KH5	UO
3Y (Bouvet)	KH5K	VK0 (Heard)
3Y (Peter I)	KP1	VP8 (South Shetland)
4J1	KP5	XF4
4N4	PY0 (St Peter & Paul)	XU
5A	S0	XW
5R	S2	XZ
5U	S5	YA
5X	SV/a	YI
7O	T5	YK
9A	TN	YV0
9G	TT	ZA
9U	UA (European Russia)	ZK1 (North Cook)
A5	UA (Asiatic Russia)	ZK3
C9	UA2	ZL8
CE0 (San Felix)	UB	ZL9
D2	UC	ZS0 (Penguin)
EP	UD	ZS9 (Walvis Bay)
	ET	UF

At this time, only first ever DXCC applications may be checked in the field. The ARRL will likely expand that to any new DXCC application later this year. Your field checkers currently are K0VZR, NY0V, W0EJ, W0IZ, W0SR, and WB8ZRL.

VP8 SOUTH SANDWICH ISLANDS

The famous explorer Captain James Cook, in 1775, when describing Cook Island in the South Sandwich Islands, is reported to have said "This is the most awful place in the world". A little more than two centuries later, during one of the Argentine occupations of the islands, Carlos Alberto Pereyra, chief of Argentina's Corbeta Uruguay scientific station on Thule Island and the last operator of LU3ZY, probably the last amateur radio operator to be active from the South Sandwich Islands, told WA2VUY that the winds were in excess of 100 Miles per hour and that there was a period when their antennas were down for months.

"Sailing Directions" note that "Vessels should exercise caution in the approaches to these harbors...., the islands are completely surrounded by pack-ice.... during the late winter and spring..., the general weather patterns in the group are cloudy with fog or snow, and clear cloudless days are rare... and mountain summits are almost always hidden by low clouds".

SOUTH SANDWICH ISLANDS CONTINUED

The South Sandwich Islands are a group of eleven islands and rocks located in the Scotia Sea near Antarctica and about 450 miles southeast of South Georgia Island (lying between latitudes $58^{\circ}18'S$ and $50^{\circ}28'S$ and between longitudes $26^{\circ}14'W$ and $28^{\circ}11'W$). They are administered by Great Britain as a dependency of the Falkland Islands. M.W. Holdgate of the Scott Polar Research Institute explains that...ten of the islands form a curved chain of islands stretching for 190 miles north and south while the eleventh, Leskov Islands, lies to the west of the group at its northern end. The group is the only typical volcanic arc in the Antarctic region.... Several of the islands exhibit volcanic activity.

Mr. Holdgate also noted, that prior to 1962, even though the islands had numerous visitors - whalers, sealers, and patrolling warships - little was known about the scientific aspects of the islands. Before the use of the helicopter very few landings were attempted because of the almost constant swell.

The islands are barren and ice-covered, with extensive vegetation only found near areas of volcanic activity. Animal life consists mainly of birds, penguins (Chinstrap, Macaroni, Adelie and Gentoo) and some fur seals. The islands in the southern portion of the group appear to have more severe weather.

The South Sandwich Islands group is comprised of two island subgroups: in the north and central areas, the Traverse or Traversay Islands consist of Zavodovski Island (the reported location of the pirate (?) operation of 4K1ZI), Leskov Island, Visokoi Island, the Candlemas Islands (Vindication and Candlemas), Saunders Island, Montagu Island and Bristol Island. In the south the Southern Thule Islands contains three islands: Thule, Cook and Bellingshausen. Thule is important to us, because it was the location of the VP8SSI DXpedition in March, 1992.

Thule Island or Morrell as it is called by Argentina, is located at $59^{\circ}27'S$, $27^{\circ}23'W$, is, according to "Sailing Directions" mentioned before, buried beneath an ice cap, but provides the best anchorage in the South Sandwich Islands.... Thule Island is considered to be an active volcano, but it obviously provides more than the best anchorage, because it was the site of two Argentine expeditions, the last of which was ended by British troops during the Falkland Islands War. The island is essentially barren; vegetation covers only about 5 per cent of the island's surface.

The Argentine base camp on Thule is located at Ferguson Bay on a peninsula which is about 1200 meters long by 600 meters wide. One source describes Thule Island as being crescent shaped while the Russian Map series shows otherwise. The central peak of the island rises to a plateau at an elevation of about 2700 feet.

The southern Islands were first sighted by Captain Cook in 1775. Russian explorer Fabian Gottlieb Benjamin von Bellingshausen discovered the northern group of islands circa 1819. Bellingshausen proved that the islands were truly islands, a fact that Cook had thought, but not proven. The British government formally annexed the islands in 1908 and 1917. The island remained uninhabited for 200 years after being discovered. the only permanent habitation on the islands has been maintained by Argentina, despite protests from Great Britain.

de W5KNE, WA2VUY es WA4JQS

EIDXA ROSTER

CALL	NAME	ADDRESS	CITY	ZIP
KUØA	Nelson MØYER	28 Ealing Drive	Iowa City	IA 52246
KQAL	Al CULBERT	328 Norman Drive NE	Cedar Rapids	IA 52402
WDØAWL	Terry CELLMAN	703 Lincoln Street	Ainsworth	IA 52201
WBØB	Larry J. NEWBY	P.O. Box 185	West Burlington	IA 52655
KZØC	Jim BOHNSACK	1169 Rainbow Drive	Waterloo	IA 50701
AAØCS	Jeff BARKER	P.O. Box 325	Toledo	IA 52342
KAØWCR	Mary DENNIS	400 East Vine	Toledo	IA 52342
WVØD	Terry PERKINS	3119 Falson Drive NE	Cedar Rapids	IA 52402
NØDGE	Tom IRWIN	1023 Kirkwood Ave.	Iowa City	IA 52240
WØEJ	Wade WALSTROM	7431 Macon Drive NE	Cedar Rapids	IA 52402
NØEL	Joe RATKIEWICZ	2622 Avalon Drive	Bettendorf	IA 52722
WAØFYC	Rick HADLEY	115 Scenic Drive	Vinton	IA 52349
KØGT	Gary TOOMSEN	2730 Tower Drive	Cedar Rapids	IA 52401
KØGVB	Gary ERNST	RR #2	West Branch	IA 52358
WØGWK	Frank APPLE	1935 16th Street	Marion	IA 52302
KFØH	Jim HARVEY	819 N. Main Street	Goldfield	IA 50542
NBØH	Jack MUCKLER	2084 Eastern Blvd. SE	Cedar Rapids	IA 52403
WKØI	Terry PARKER	535 Sierra Drive	Burlington	IA 52601
NØICI	Grant KESSELRING	RR #7 Box 160	Ottumwa	IA 52501
KØIIR	Clark PANTEL	1610 Hershey Ave.	Muscatine	IA 52761
KØINR	Tom TAYLOR	RR #1	Shell Rock	IA 50670
WØIZ	Dale REPP	1618 Texas Ave. NE	Cedar Rapids	IA 52402
NØJCM	John MAYER	500 37th Ave. N	Clinton	IA 52732
KØJGH	Glen KESSELRING	RR #7 Box 160	Ottumwa	IA 52501
NNØL	Ron BORKGREN	1106 E 2nd Street	Anamosa	IA 52205
ABØM	vern LANG	110 E 2nd Street	Muscatine	IA 52761
WEØM	Tom GORDON	6904 Brentwood Drive NE	Cedar Rapids	IA 52402
WØMJN	Joe FINKSTEIN	2210 Empire Street	Marion	IA 52302
NKØN	Orville DUECKER	226 Southcrest	Waterloo	IA 52702
WØNB	Jim LIVENGOD	RR #1 Ferre's Lane	Burlington	IA 52601
W4NIM	Bob HILL	2037 SW 61st Ave.	Miami	FL 33155
NCØO	Tom HISE	P.O. Box 104	Shellsburg	IA 52332
N9OK	Al BROENDEL	2712 38th Street	Rock Island	IL 61201
NUØP	Steve WHITE	5820 Sanden Rd NE	Cedar Rapids	IA 52401
WØPPF	George CARSNER	411 Terrace Road	Iowa City	IA 52245
KCØQ	Jeff RUSSELL	2125 Linmar Drive NE	Cedar Rapids	IA 52402
WWØQ	Rich BINGHAM	707 12th Ave.	Coralville	IA 52241
KKØR	Bob TILLMAN	P.O. Box 1	Eldora	IA 50627
N4RR	Roger HOFFMAN	17215 Timber Drive	Sterling	ILL 61081
KDØRT	Brad FARELL	1401 Greenwood Drive	Ottumwa	IA 52501
KØRW	John LENAHA	923 N 9th Street	Burlington	IA 52601
NØSM	Steve MILLER	Route 6 Box 180	Ottumwa	IA 52501
WØSML	Doug BYAL		Cedar Rapids	IA 52402
WØSR	Jim SPENCER	3712 Tanager Drive NE	Cedar Rapids	IA 52402
KKØU	Paul FEDDERSEN	703 Eclipse Lane	Clinton	IA 52732
WEØU	George GRUENTHER	1106 S. Leebrick	Burlington	IA 52601
WRØU	Scott AUGSBURGER	310 S. Wilson Street	Mt. Pleasant	IA 52641
WØUZ	John NELSON	3109 Terry Dr. SE	Cedar Rapids	IA 52403
NYØV	Tom VINSON	10211 Hall Road NE	Cedar Rapids	IA 52402
KØVM	Al GROFF	1446 Council Street NE	Cedar Rapids	IA 52402
KØVZR	Tom WHITE	2027 Carter Ave.	Jesup	IA 50648
WØWP	Tom LINDGREN	9786 Blairs Ferry Road	Cedar Rapids	IA 52401
KEØY	Tom KRAMER	905 LeRoy	Muscatine	IA 52761

KFØZ	Jan CLUTE	320 College Blvd.	Mount Vernon	IA	52314
WBØZKG	Chuck DENNIS	400 E. Vine	Toledo	IA	52342
WB8ZRL	Tom VAVRA	682 Palisades Access Rd	Ely	IA	52227
NMØF	Wayne KINNARD	219 Park Lane	East Dubuque	IL	61025
KCØGM	Carol COOPER	912 W 16th Street	Cedar Falls	IA	50613
K8OM	Joe HUNGATE	700 33rd Ave,	Marion	IA	52302
KEØMO	Tom REDLINGER	RR #1 Box 146	Keota	IA	52248
WA3TIH	John A. SIMANDER	p.O. Box 763	Muscatine	IA	52761
KAØCNN	Thomas J. KUENY	2025 Cardinal Lane NE	North Liberty	IA	52317
KØDAS	Rod J. BLOCKSOME	690 Eastview Drive	Robins	IA	52328
NØNQA	Scott W. DUECKER	RR #1 Box 202	Lisbon	IA	52253
AAØGG	Frank H. WEIGELT	4055 Stewart Road NE	Iowa City	IA	52240
KBØCFD	Lloyd THORNBURG	RR #1 Box 28	Packwood	IA	52580
KUØY	James SEREDA	915 Hayes Street	Burlington	IA	52601
G3WJN	Richard BENNETT	1906 Valley Vista Drive	Bettendorf	IA	52722

HIGH CLASS WE AINT, BUT.....

Remember the article in the last EIDXer about the QCWA Radio Collection on exhibit at the Western Heritage Museum in Omaha, Nebraska?? Well, look on page 13 of the April, 1993 QST for more information and some photos. Remember, you saw it first in the EIDXer !!!

DEATH PLOT ??

An Arizona amateur has been credited with helping expose an apparent plot by two teenagers to poison a teacher and a class-mate.

Wayne Spaulding, KB7JYG, of Mesa, Arizona, east of Phoenix, overheard a cordless telephone conversation on the 46 MHz band on the evening of March 10, in which poisoning was mentioned. Spaulding taped the conversation and the next day called the police.

Police played the tape for the Mesa High School track coach, Gary Butler, who identified the two voices on the tape as those of students in his home room, one a 16 year old, the other 17 years old. Butler was apparently one of the youth's apparent target, as was a 15-year-old girl.

Police have booked both teenagers on suspicion to commit murder. Police said one of the youths had a "sizable amount" of poisonous drain cleaner with him at the time of his arrest, according to "The Arizona Republic".

Police told the newspaper that eavesdropping on cordless telephones is not illegal but implied that the reception was made on a "ham radio", when in fact Spaulding was listening to a ordinary consumer scanner radio.

The two youths are scheduled for hearings in early April to determine whether they should be tried as adults on the conspiracy charges.

Wayne Spaulding has been a licensed amateur for about two and a half years and his primary interests are on the UHF amateur bands. He and his wife Cheri, both hold Technician class licenses. Cheri is N7PHR.

Wayne Spaulding, coincidentally, works for the Mesa school system, designing and building electronic equipment to enable disabled students to use computers.

de "The ARRL Letter"

PacketCluster Notes

Some thoughts about TNC parameter settings: The following assumes that the TNC parameter AX25L2V2 is set ON to use Version 2.0. Version 2.0 has some advantages that everyone should take advantage of. Initially version 2.0 had some problems, but those have long since been fixed.

The FRACK value defines the number of seconds to wait after a transmission before trying to resend (if an acknowledgement has not been received). A value in the range of 6 or 7 seconds is good.

The TXDELAY value tells the TNC how long to pause after keydown before starting to send the digital data. The purpose is to add an extra delay for relay switching. The cluster 220 MHz value is 35 (350 milliseconds), which allows the Midland xmtr relay and the PA relay enough time to switch in. Anything longer than what is necessary to get the relays switched and will only add to the QRM on the frequency.

The CHECK parameter defines the amount of time the TNC will sit idle before it polls the other TNC to insure the connection is still there. In the Packet Cluster environment where we tend to stay connected for hours (and days) at a time, it has less need than in the 'normal' packet world. The cluster sends 2 NUL characters to each user every 11 minutes (to help those users coming in through NETROM) so there will be activity at least that often. If the CHECK parameter is set to something slightly greater than 11 minutes, then you will cut down on the channel activity and still know (within 11+ minutes) when you have been disconnected by the cluster.

Several users have been guinea pigs for me in trying to find some parameter values to 'slow down' the responses so they spread out after an alert or poll and don't collide and end up 'retrying out'. We tried the-persistent Carrier-Sense Multiple Access (PPERSIST ON) but it seems like that applies only to responses to data packets and not to polls. What has seemed to work for WØSR is to turn PPERSIST OFF and set DWAIT high. Jim has his set up around 2 seconds. Now, all the others jump in as soon as the cluster goes key up, but Jim comes in a bit later when the freq is quiet. I end up polling the others, because they stomped all over each other. Some of you experiencing random disconnects (especially if you are close to the node) might try this. We may need to coordinate the values of DWAIT.

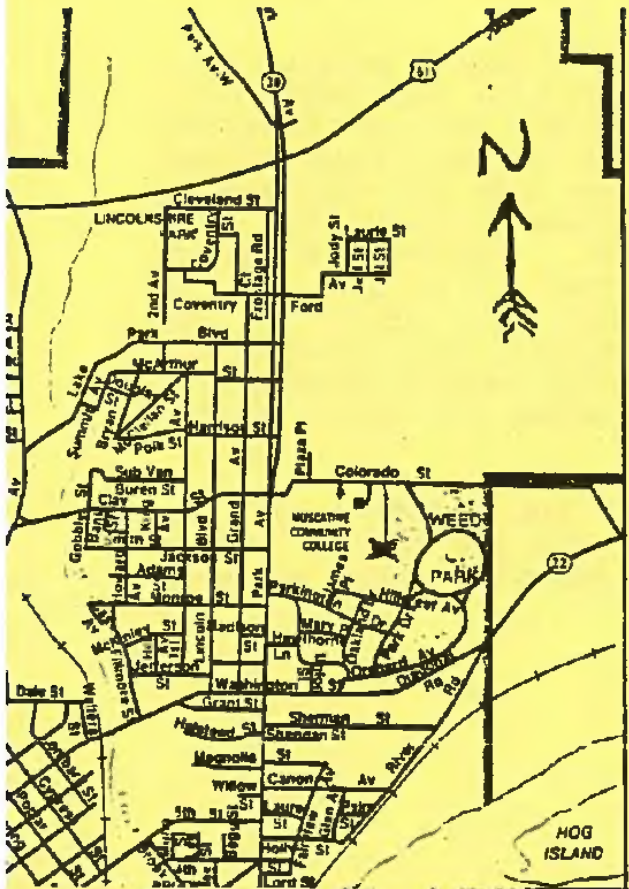
Getting all these parameters set so that the close-in and the far-out users can all peacefully coexist has not been a simple task. Maybe some day we will stumble on something that actually works.

73/DX de WB8ZRL

Eastern Iowa DXer
328 Norman Dr NE
Cedar Rapids, IA 52402



Jim Spencer W0SR
3712 Tanager Dr. NE
Cedar Rapids, Ia 52402



SPRING MEETING NOTICE

DIRECTIONS TO SPRING MEETING

The key point on the map is the intersection of Highways 38 & 61. At that point you will see a Motel 8 and Kreiger's Auto dealership on opposite corners. Proceed south (towards McDonalds) through 4 stop lights. At the 5th light turn left onto Colorado Street. After an "S" curve you will see an elementary school on your left and Muscatine Community College on your right. As you start down the hill, take the road towards the towers behind the college (look for the EIDXA sign). Follow the road all the way to the back lot. Talk in on 146.91.